

Figure 1

09825437.040201

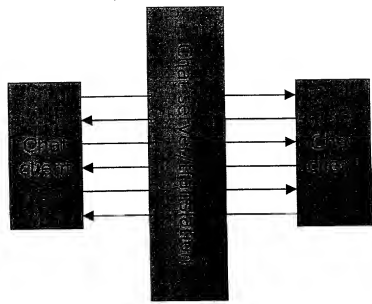


FIGURE 2

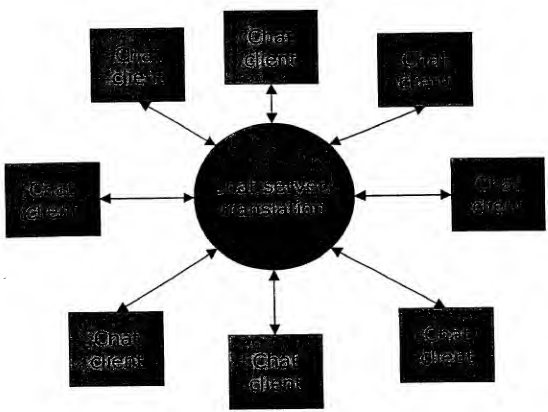


FIGURE 3

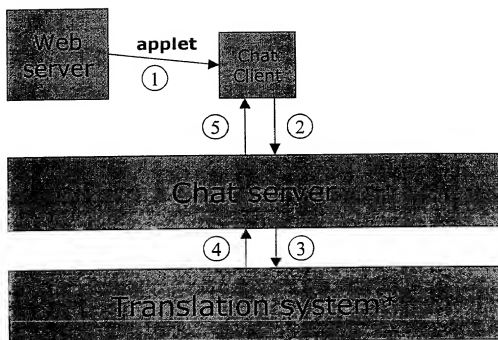


FIGURE 4

00025437 040201
102010 2045200

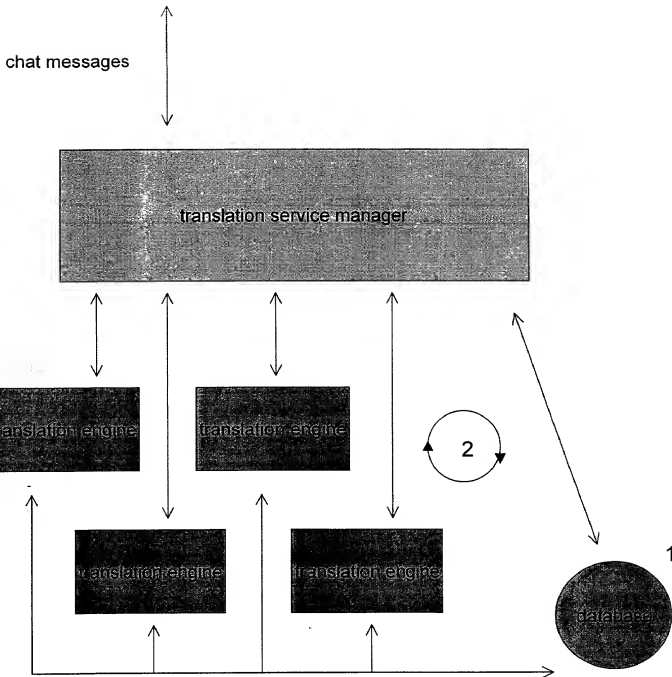


FIGURE 5

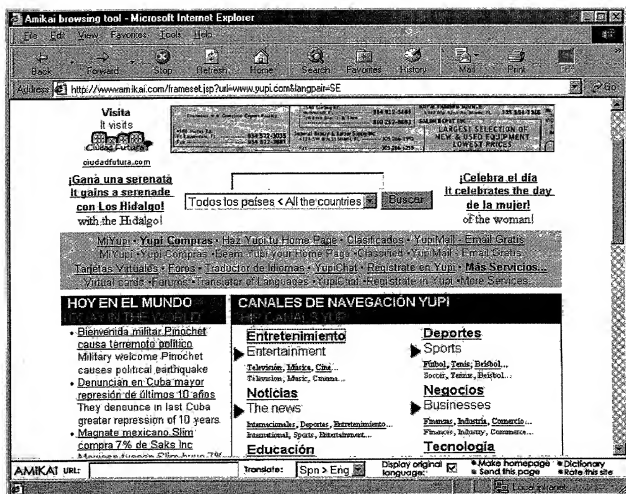


Figure 6

```

graph TD
    A([data-capable wireless device]) -- 1 --> B[wireless network server]
    B -- 2 --> C[Amikai translation server]
    D[application/content provider] -- 3 --> C
    C -- 4 --> E([data-capable wireless device])
    C -- 5 --> B
    B -- 6 --> A
  
```

FIGURE 7

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: a control group and an experimental group. The control group received a standard training program, while the experimental group received a training program with a focus on the specific skills required for the task. The results of the training program were compared between the two groups.

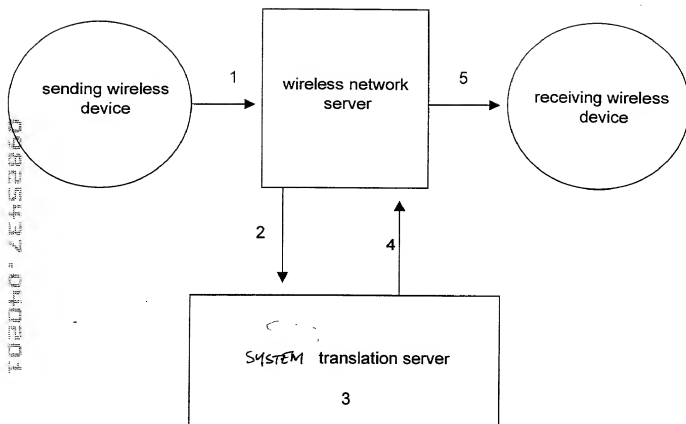


FIGURE 8

09025437.040244
102070-28452860

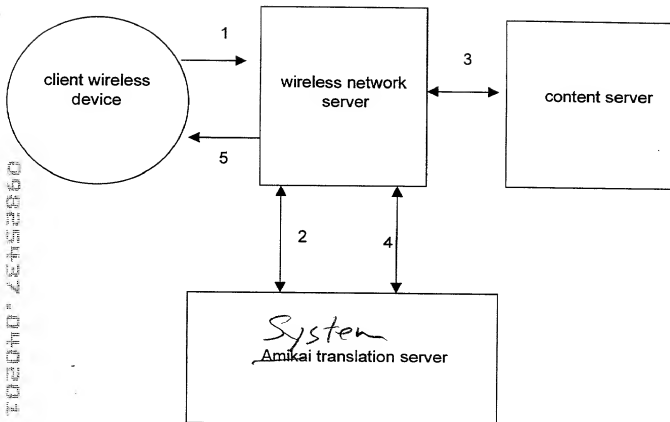
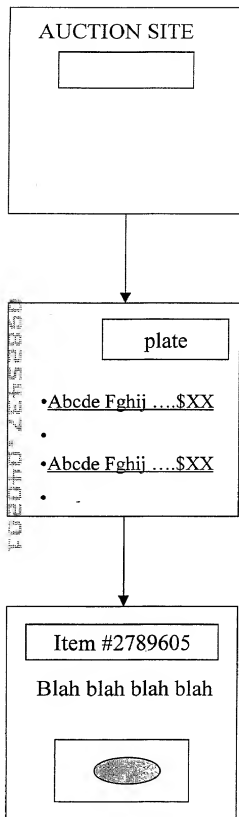


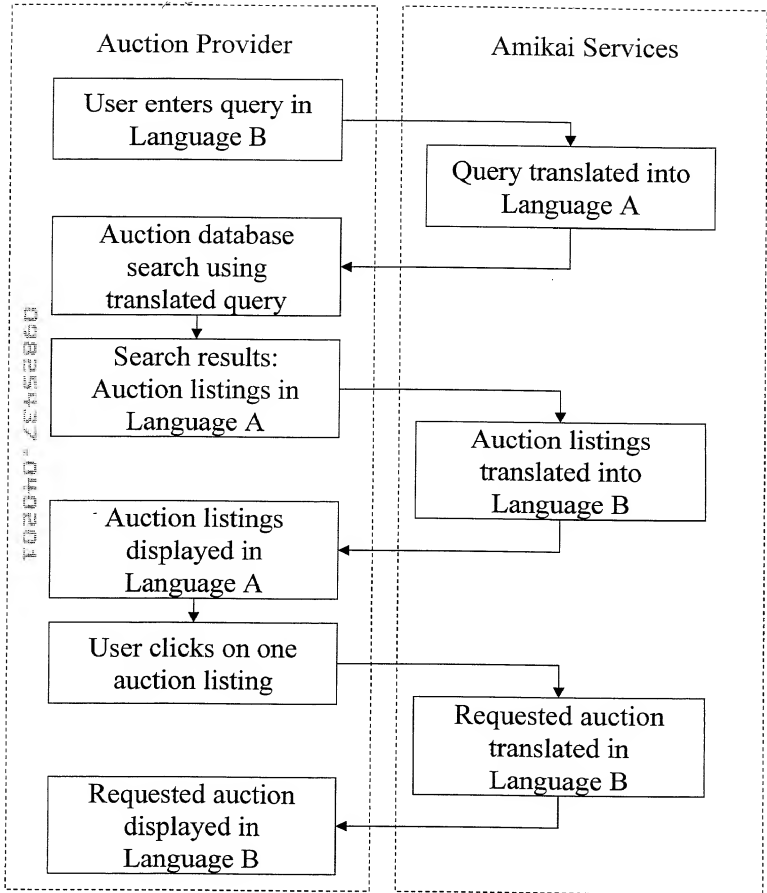
FIGURE 9



- Query in language A, auction site in language B
- Query translated from language A to language B
- Run regular database query with translated query
- Display returned auction items, with translations
- User clicks on auction link to view auction page
- Page displayed in both languages, A and B

FIGURE 10a

FIGURE 10(6)



00025437 040204
102070 25152060

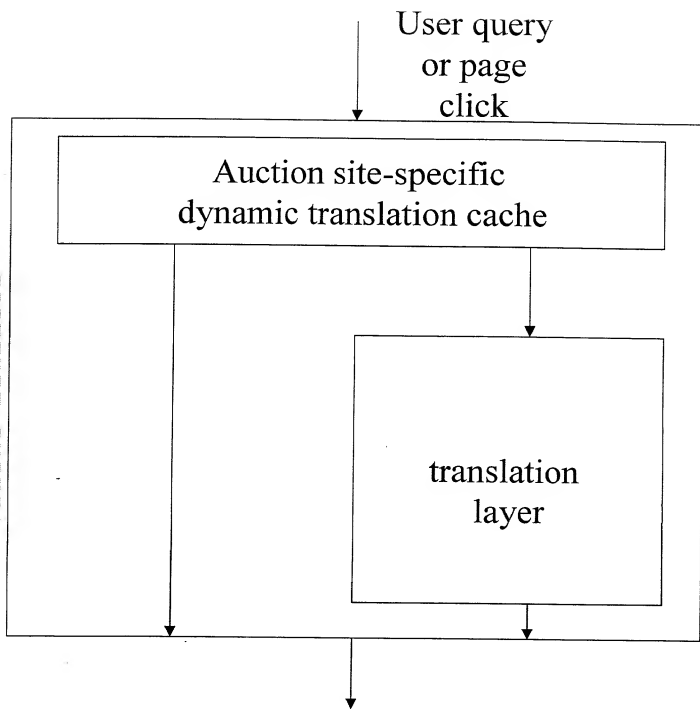


FIGURE 11

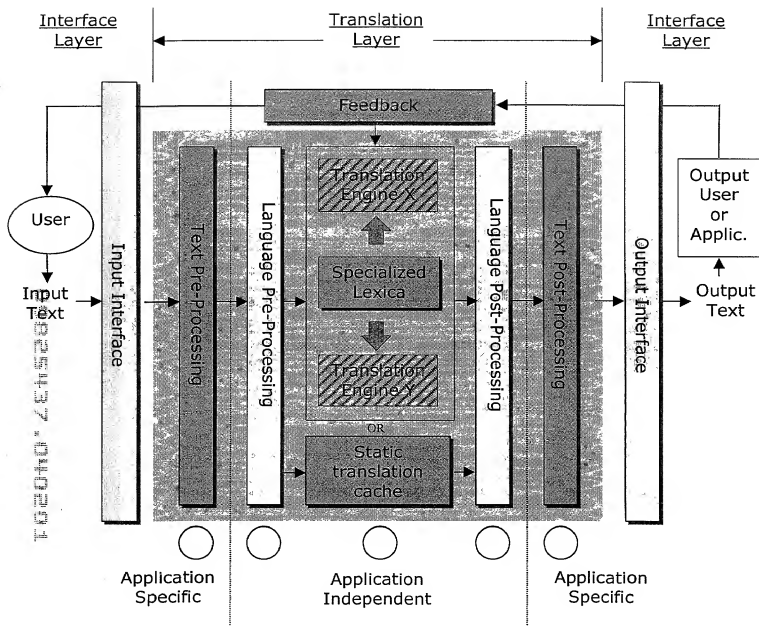
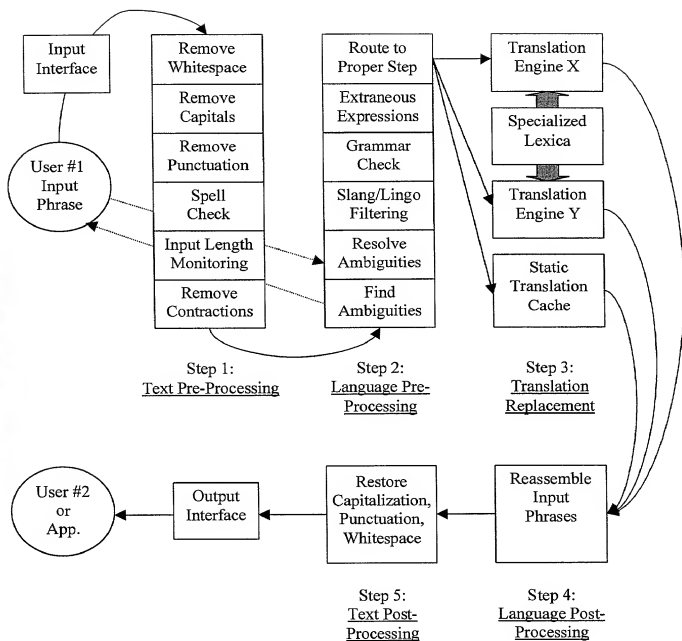


Figure 13

Figure 14



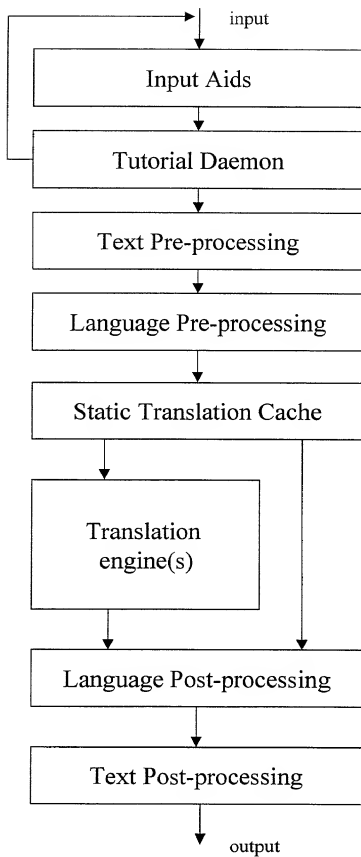


FIGURE 15(a)

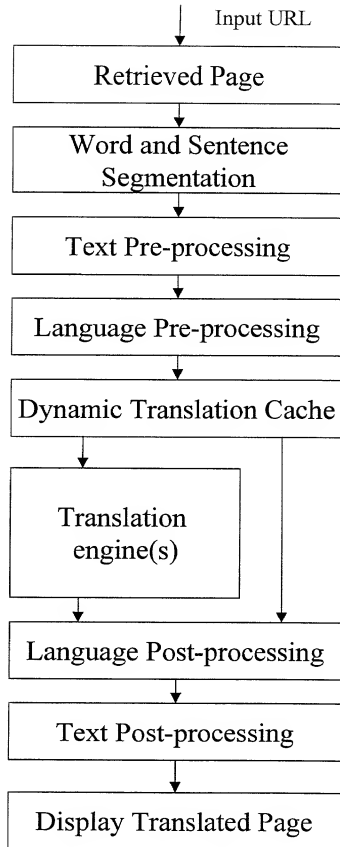


FIGURE 15(b)

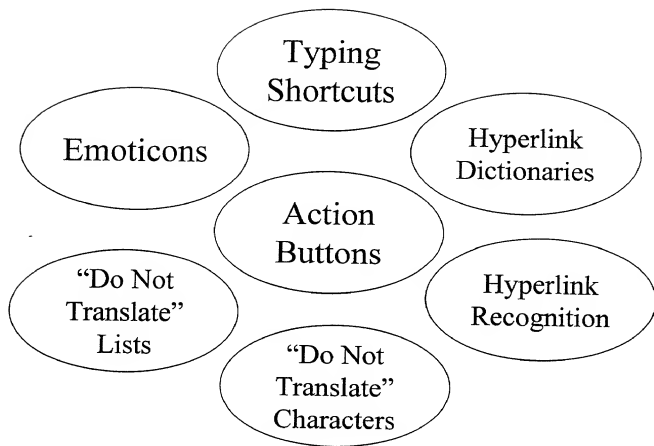


FIGURE 16

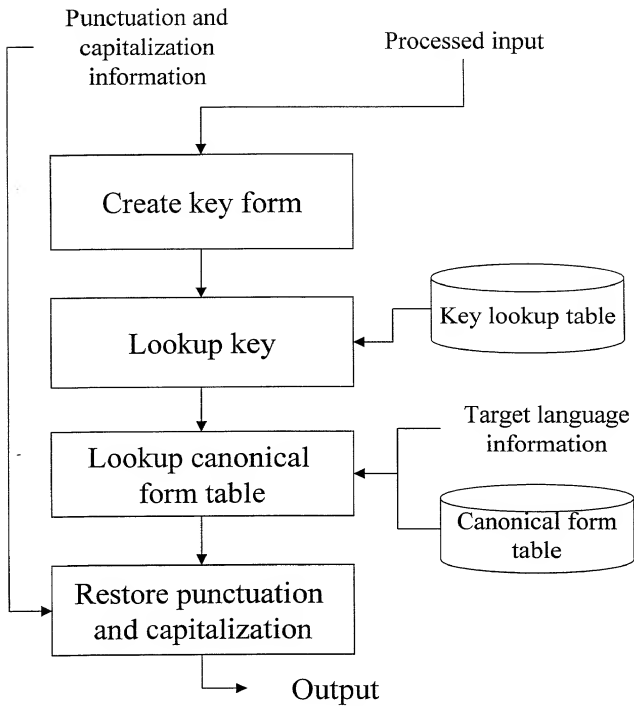


FIGURE 17

input



Restore Certain
Abbreviations



Reconstruct
Separate Units



output

FIGURE 18

098474



098474

input



Remove
Extraneous
Whitespace



Remove and
Retain
Capitalization Info



Remove and
Retain
Punctuation Info



Rewrite
Contractions



output

FIGURE 20

input



Remove
Extraneous
Expressions



Rewrite
Slang and
Chat Lingo



Rewrite Certain
Abbreviations



Dissect Text into
Analyzable Units



output

FIGURE 21

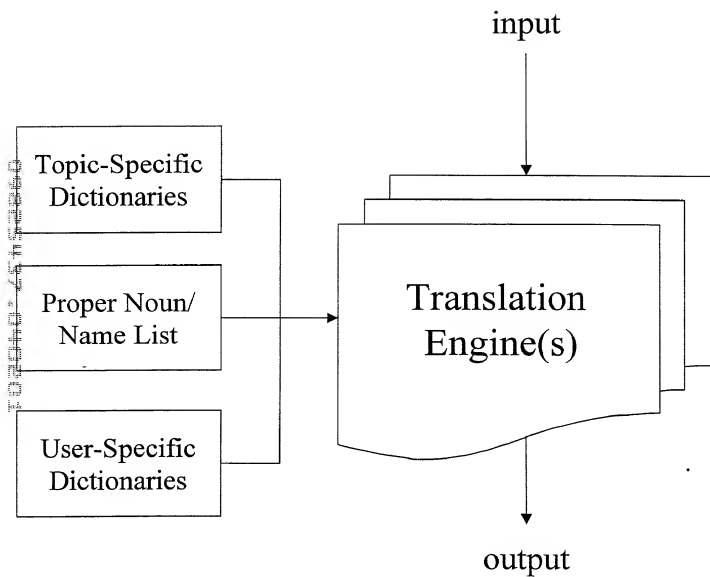


FIGURE 22

Figure 23

Topic: Hi-tech

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702070.7E752860

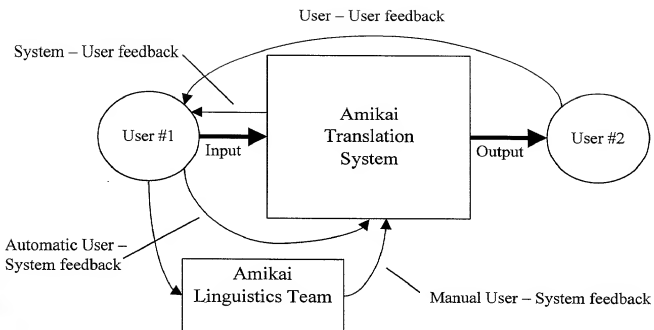


Figure 24

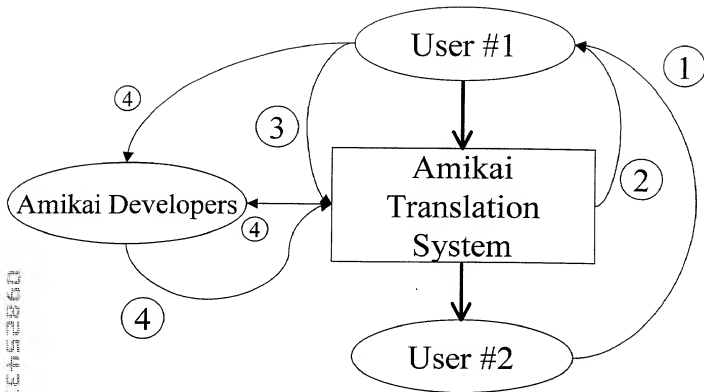


FIGURE 25

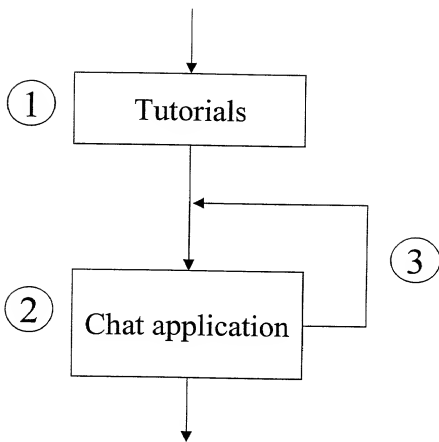


FIGURE 26

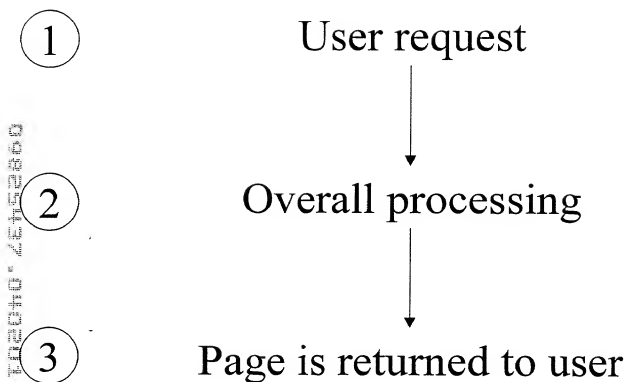


FIGURE 27

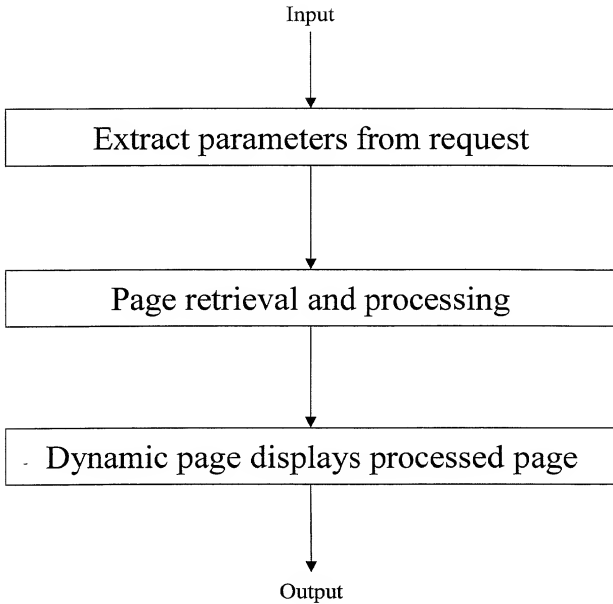


FIGURE 28

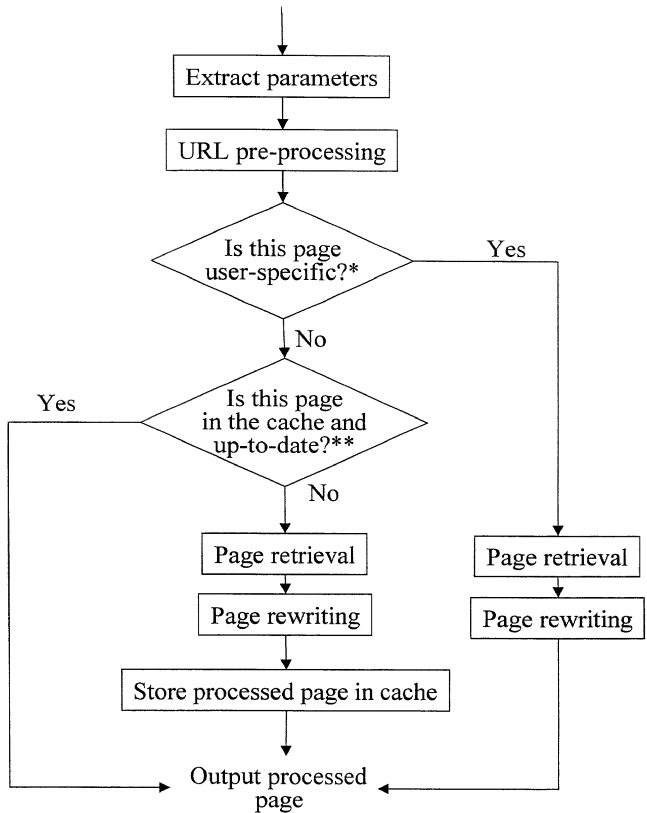


FIGURE 29

102010 215286

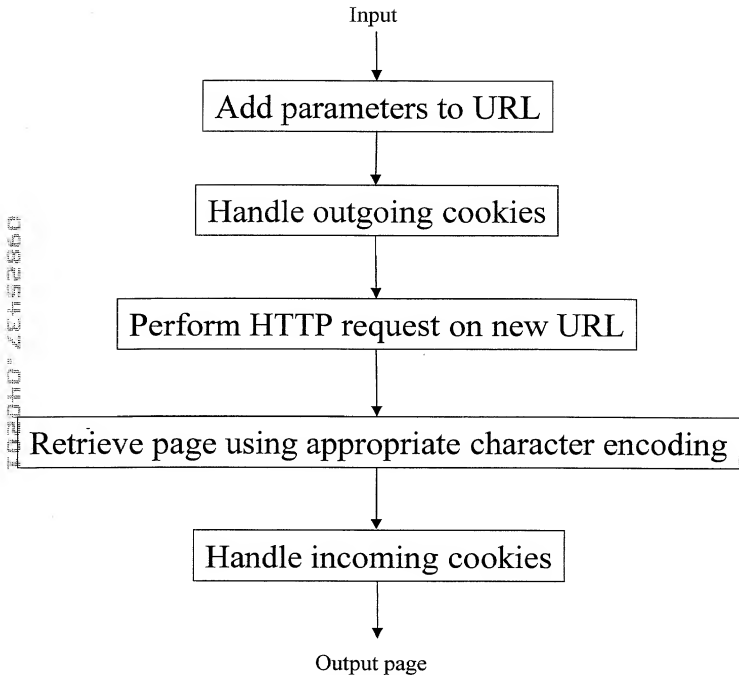
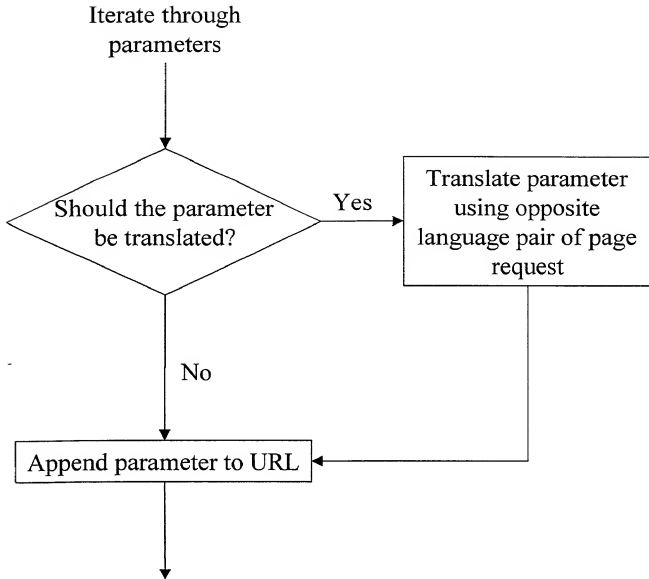


FIGURE 30



Output is new URL with appended parameters

FIGURE 31

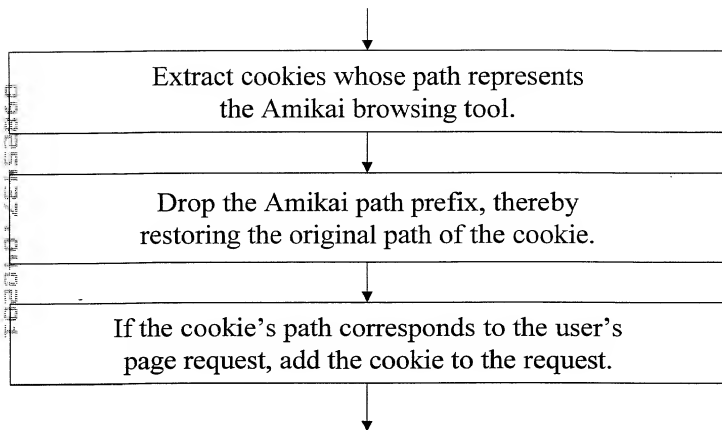


FIGURE 32

The page rewriting process in the browsing tool

It Optionally inserts the translations inline, enabling the user to view the original text and the text translation simultaneously

It preserves the look and feel of the original page, by carefully positioning the translations so that they do not disrupt the original page structure, thereby optimizing the user experience

FIGURE 33

Pass 1. Traverse through the page, inserting placeholders where translations will be inserted, as well as performing other changes to the page, thereby creating a rewritten page with placeholders. During this pass, a list of text strings is extracted which must be translated before they are inserted

Pass 2. Once the text strings are translated, they are inserted into the placeholders in pass 2

FIGURE 34

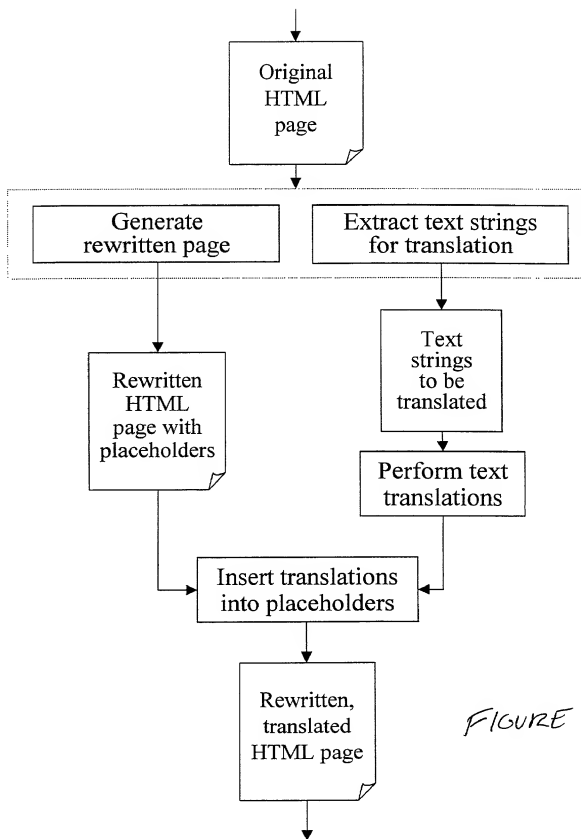
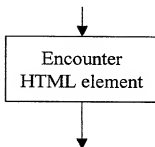


FIGURE 35



What type of token is it?

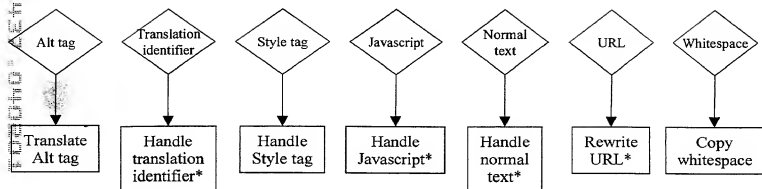


FIGURE 36

Text



Add text to
translation buffer



Copy text to
rewritten page*

FIGURE 37

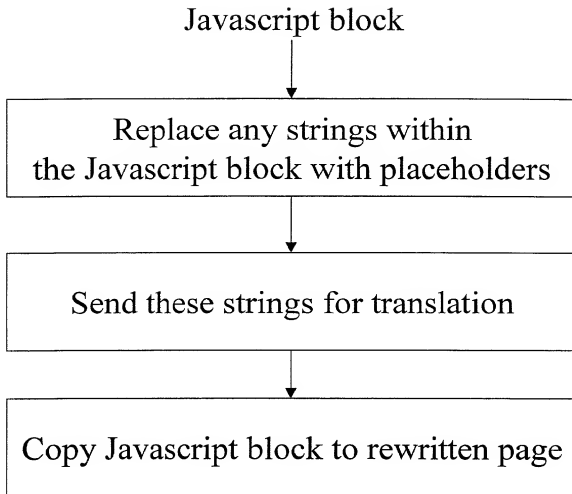


FIGURE 38

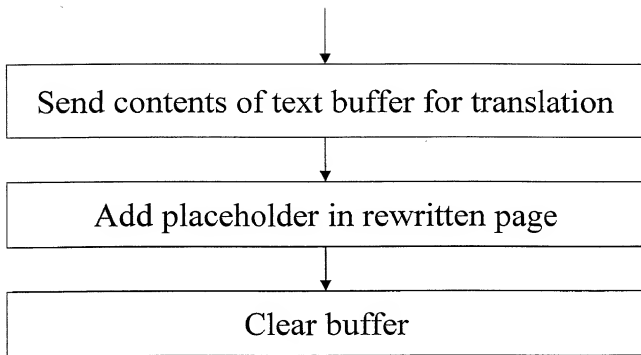


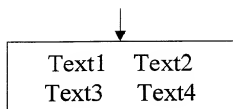
FIGURE 39

FIGURE 40

,
<area href=*URL*>,
<form action=*URL*>
<link href=*URL*>,
<input src=*URL*>,
<frame src=*URL*>
<meta url=*URL*>,
<body background=*URL*>

as well as all other scenarios where the *URL* may contain textual content.

Note that in cases where the *URL* is a binary object, such as or <td background=*URL*>, the *URL*s are not rewritten.



Individual text strings

Text1|Text2|Text3|Text4

Are concatenated into a single string, separated by delimiters between the strings

Trans1|Trans2|Trans3|Trans4

A single call is made to the translation engine, which returns a translated string

Trans1 Trans2
Trans3 Trans4

The string is broken up into its components, resulting in translations of the original strings

FIGURE 41

Cookie from site



Rewrite the cookie's path to go through
the path of the browsing tool.



Return the cookie with the response.



FIGURE 42

Figure 43: The Help Button

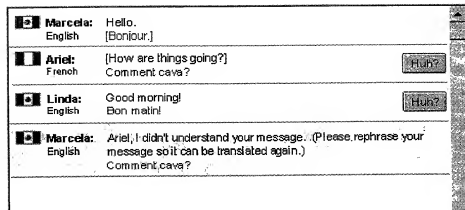


Figure 44

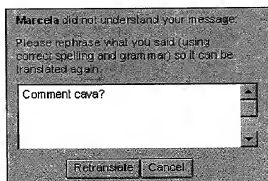


Figure 45

5. Make sure you capitalize names.

- Ⓐ "I had dinner with daisy last night."
- Ⓑ "I had dinner with Daisy last night."



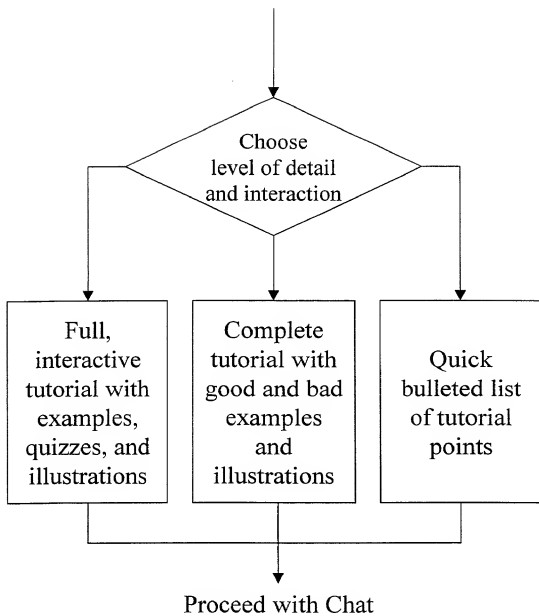


FIGURE 46

Figure 47

- Misspelled word
- Nonstandard contraction

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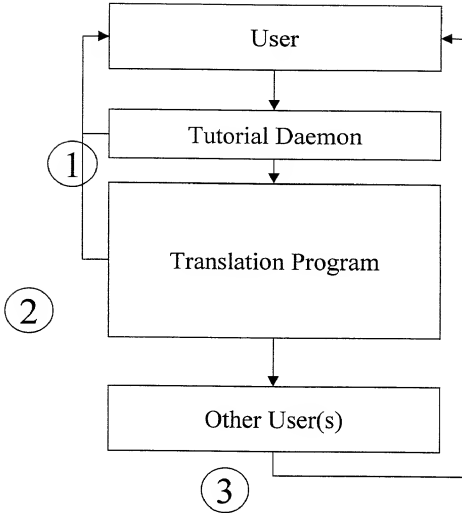


FIGURE 48

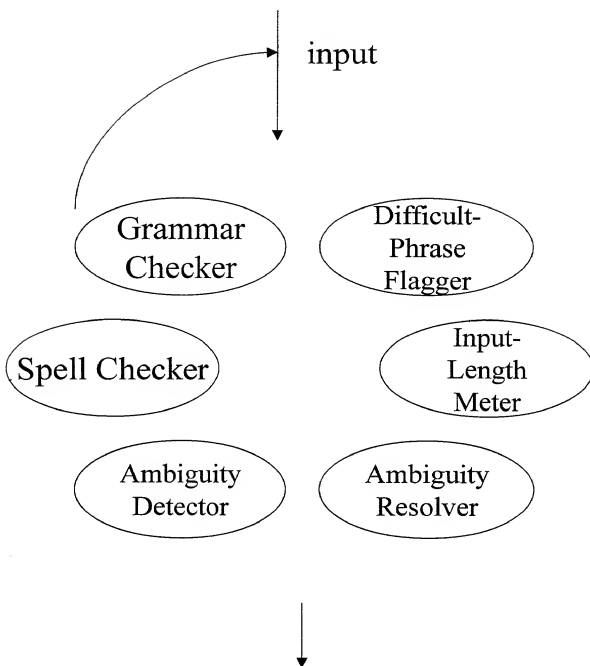


FIGURE 49

Figure 50



Figure 51

Current users:	
Josh	Alt+11
Marcela	Alt+12
Madi	Alt+13
Tove	Alt+14
Topic at:	
rickemort	Alt+21
hikedhu	Alt+22
Mev	Alt+23
Asi	Alt+24
Nintendo	Alt+25
Custom:	
My name is Grief	F2
My name is not 20aminim.com	F3
I love computers	F4

Figure 52

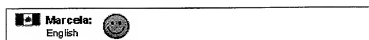


Figure 53

My Translator

Custom Dictionary: [\(Edit\)](#)
じゃね (jpn) - see ya (eng)
かっこいい (jpn) - that's cool (eng)
ひさしぶり (jpn) - long time no see (eng)

Custom Phrases: [\(Edit\)](#)
My name is Ariel. (F2)
My e-mail is ariel@amikai.com. (F3)
I love penguins. (F4)

Do not translate these words: [\(Edit\)](#)

Ray	▲
Apple	
AudioTime	
Lunar Technologies	▼

Notes: [\(Edit\)](#)
[Japanese grammar](#)
[Egypt Travel Tips](#)

Default topic:

Hi-tech	▼
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User builds...

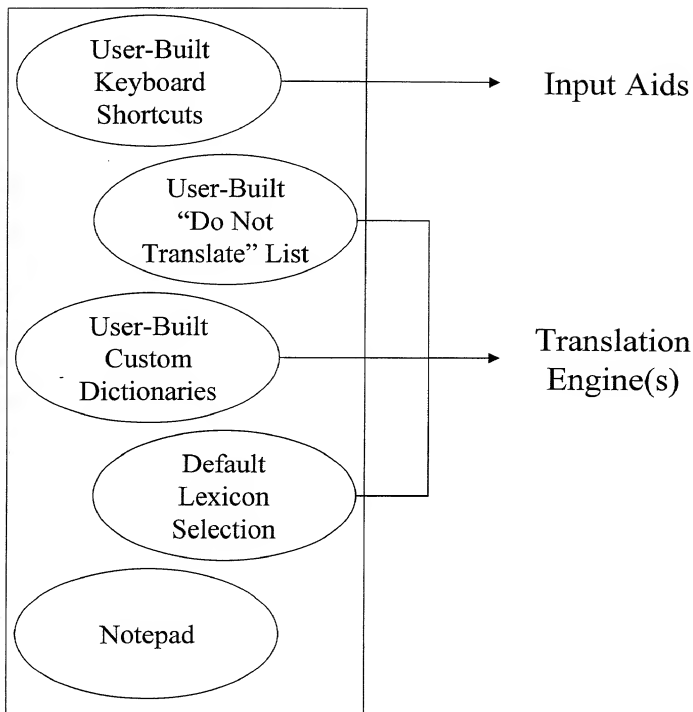


FIGURE 54

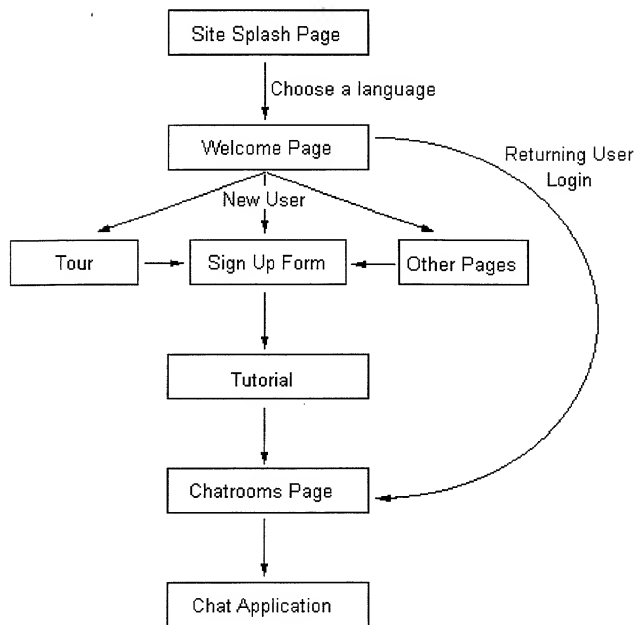


FIGURE 55

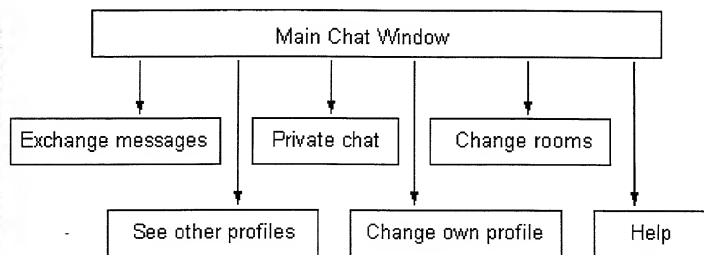


FIGURE 56

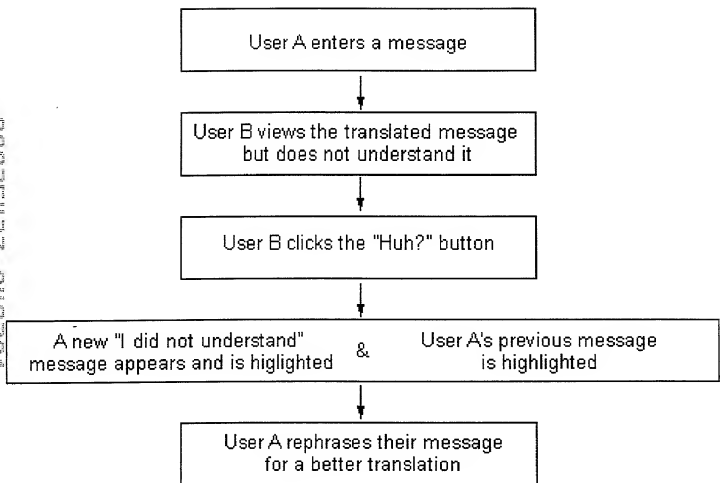


FIGURE 58

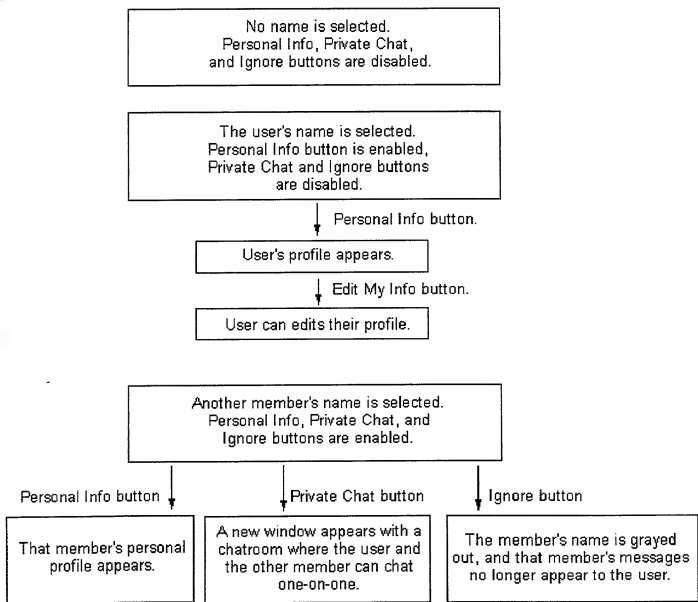


FIGURE 59

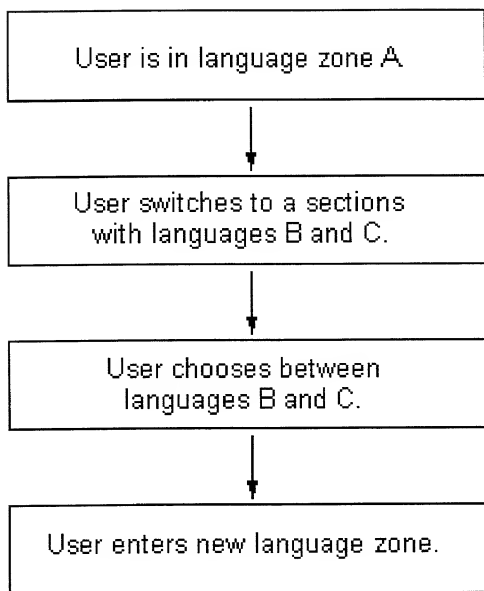


FIGURE 60

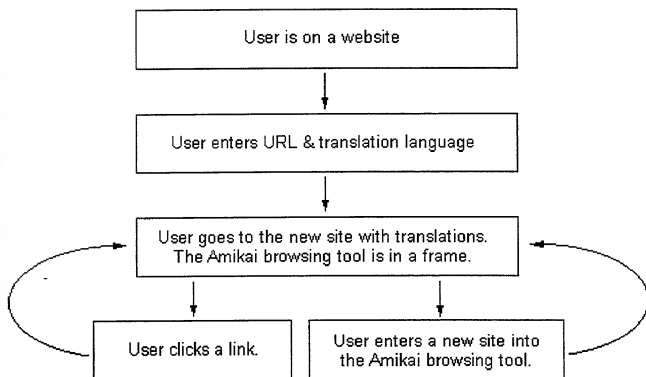


FIGURE 61

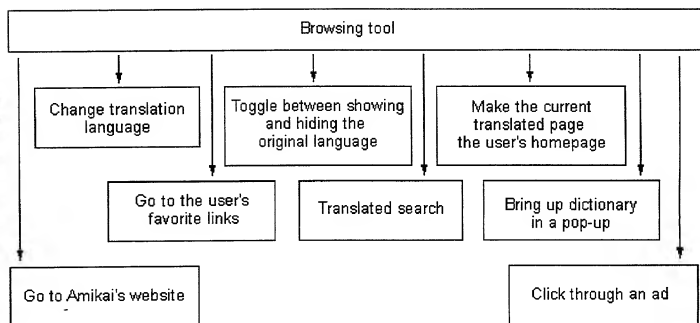


FIGURE 62